

FIG. 1a

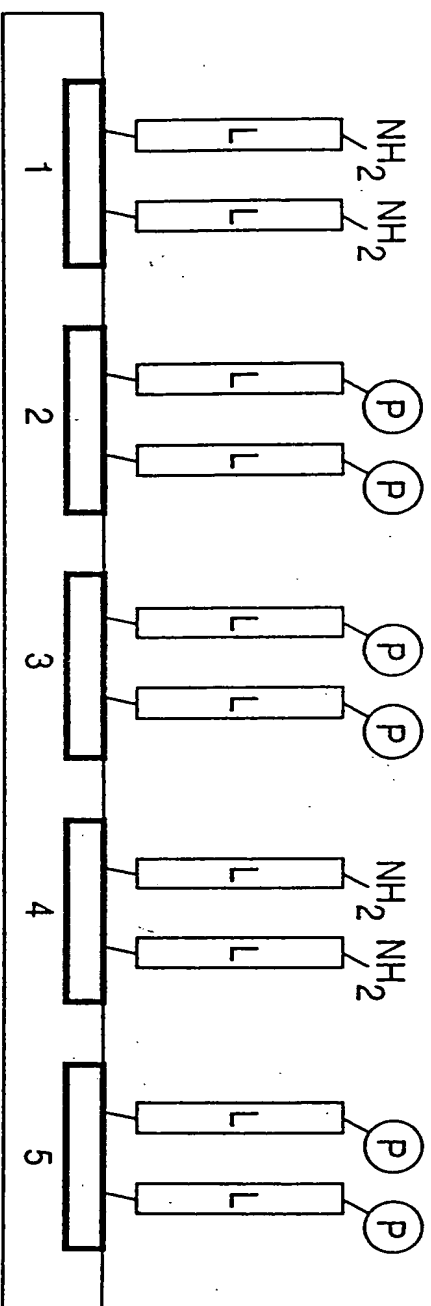


FIG. 1b

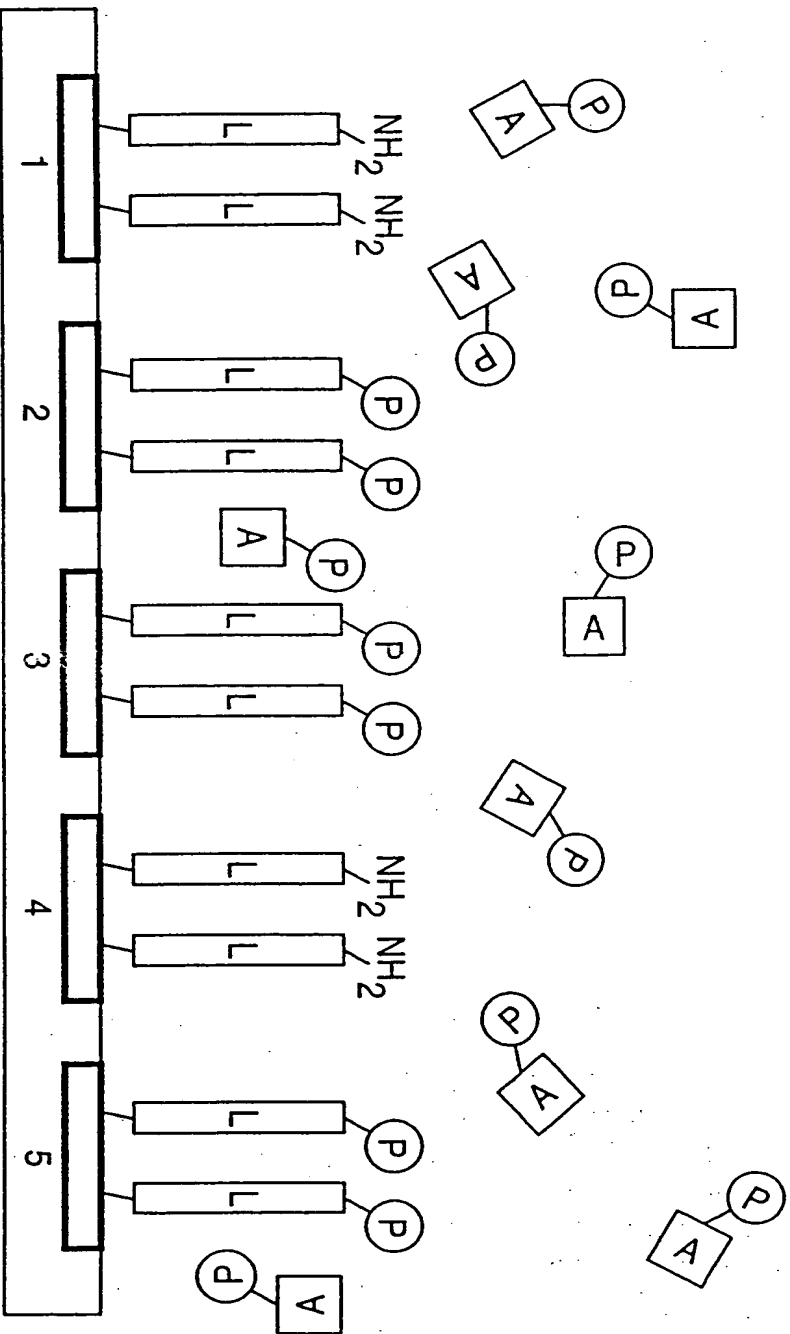


FIG. 2a

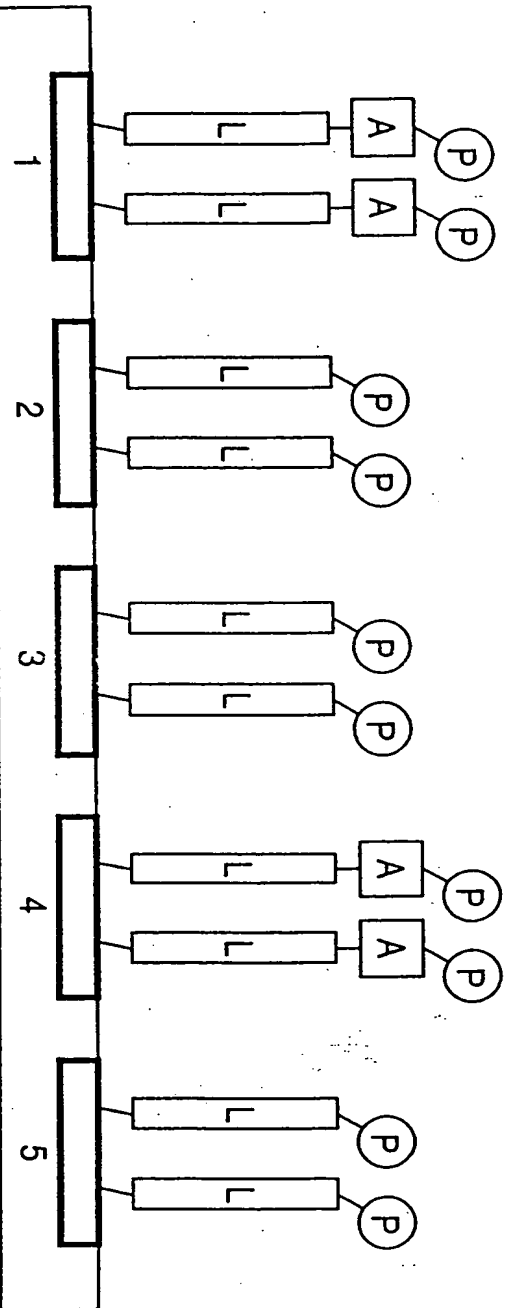


FIG. 2b

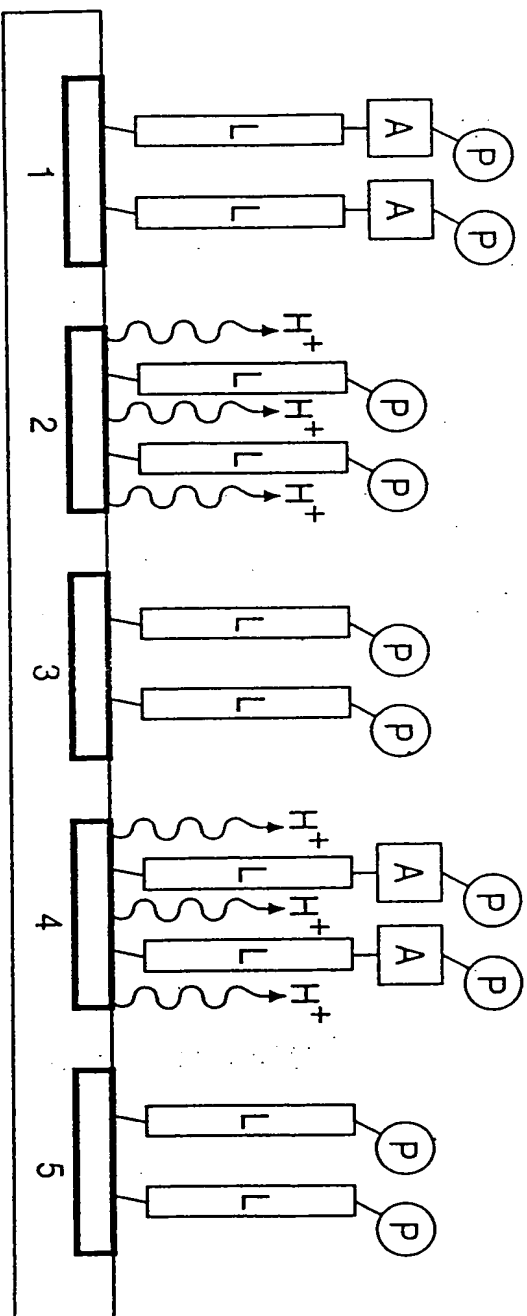


FIG. 3a

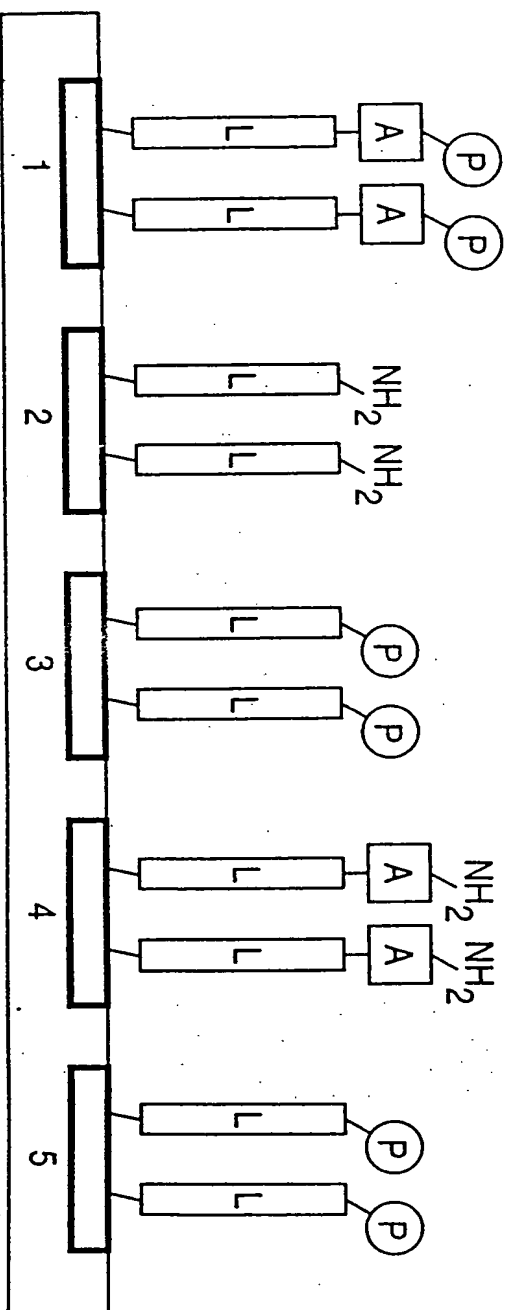


FIG. 3b

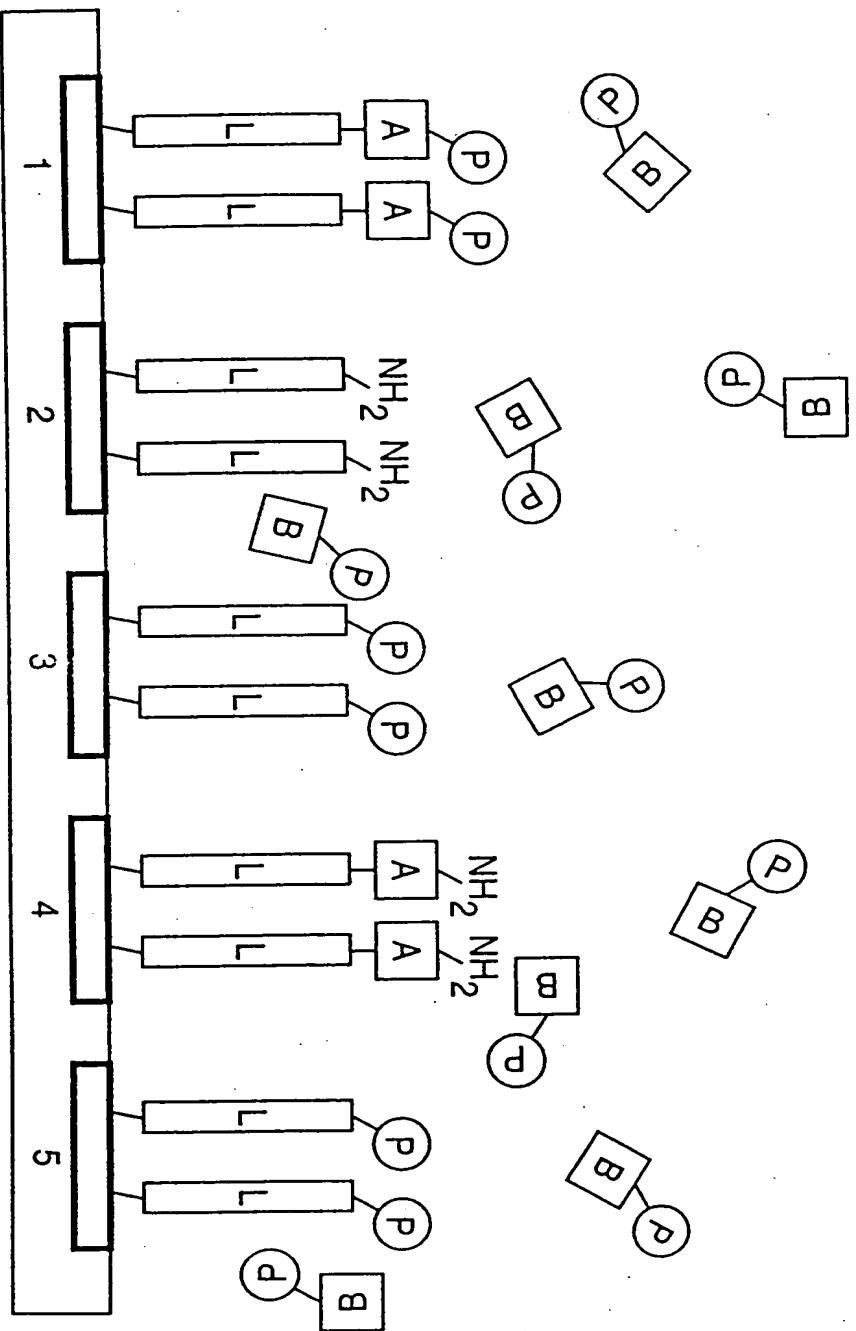


FIG. 4a

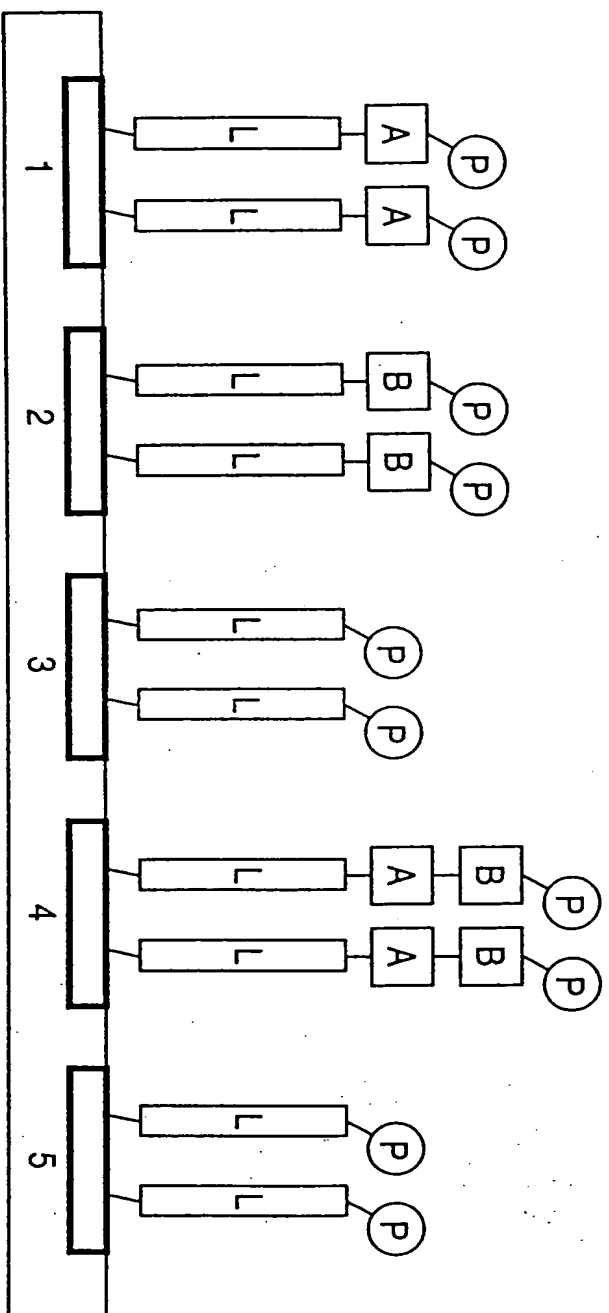


FIG. 4b

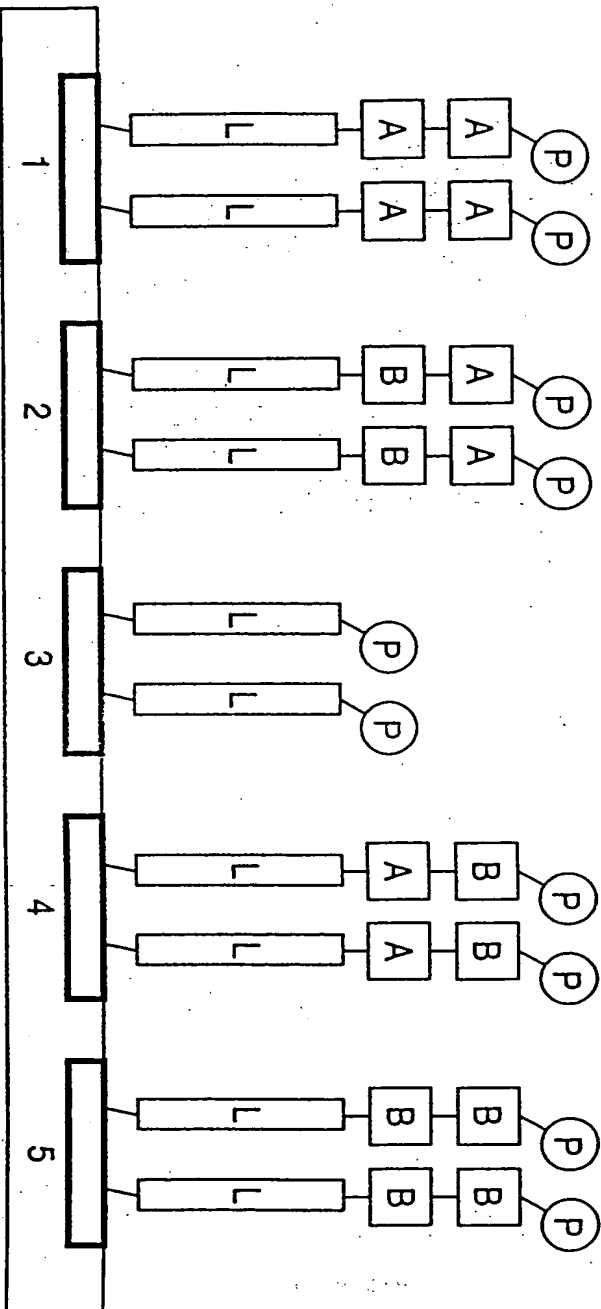


FIG. 5

66EFOF"0989T460

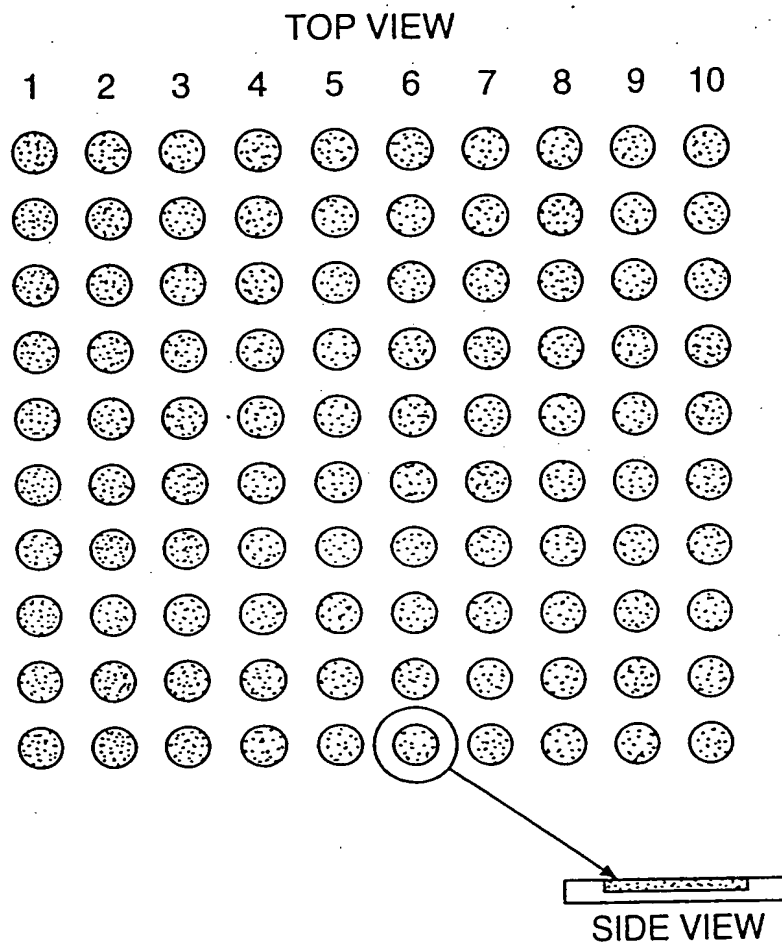


FIG. 6

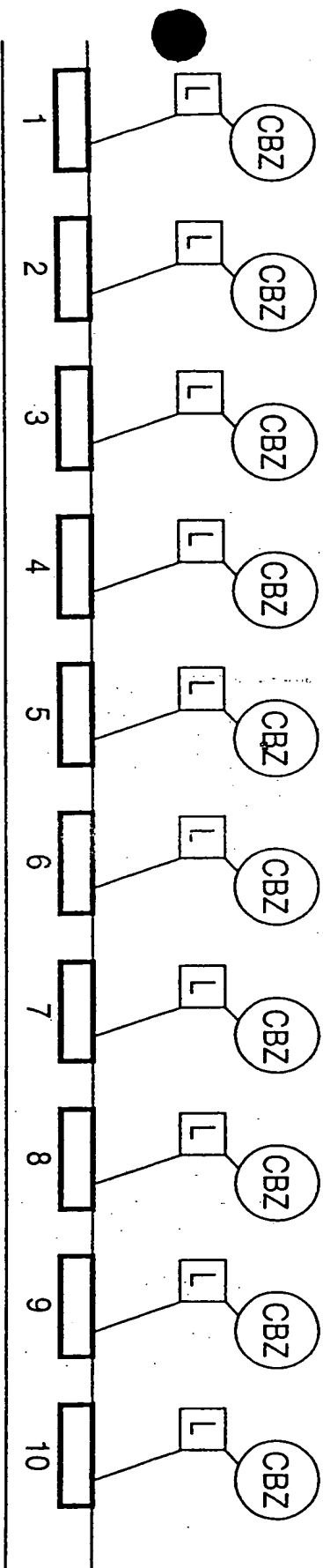


FIG. 7

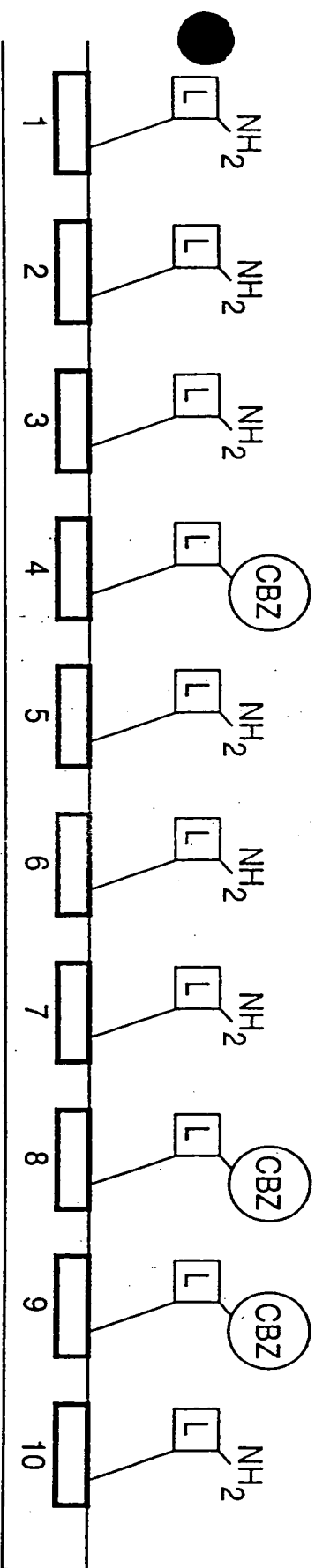


FIG. 8

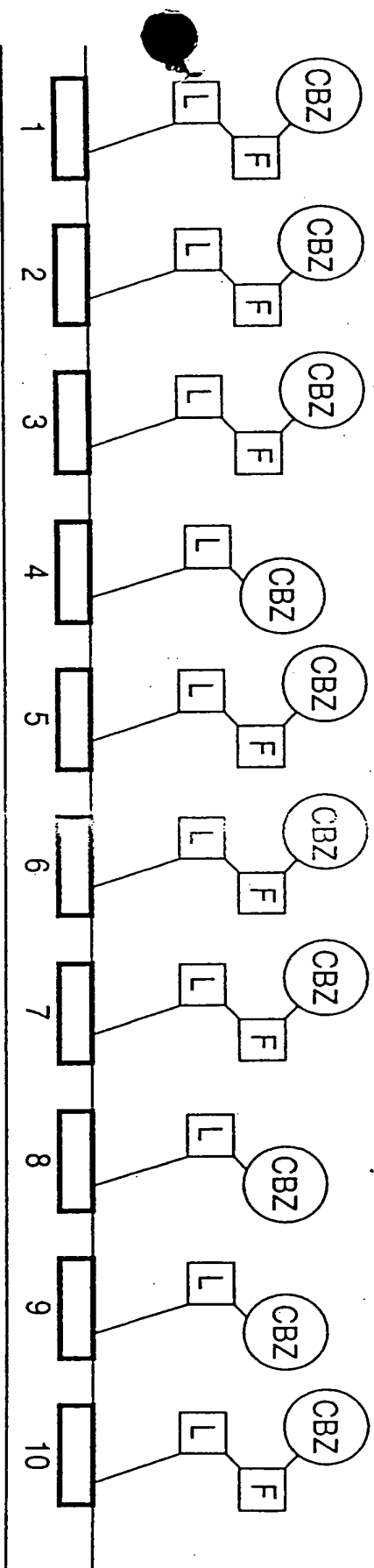


FIG. 9

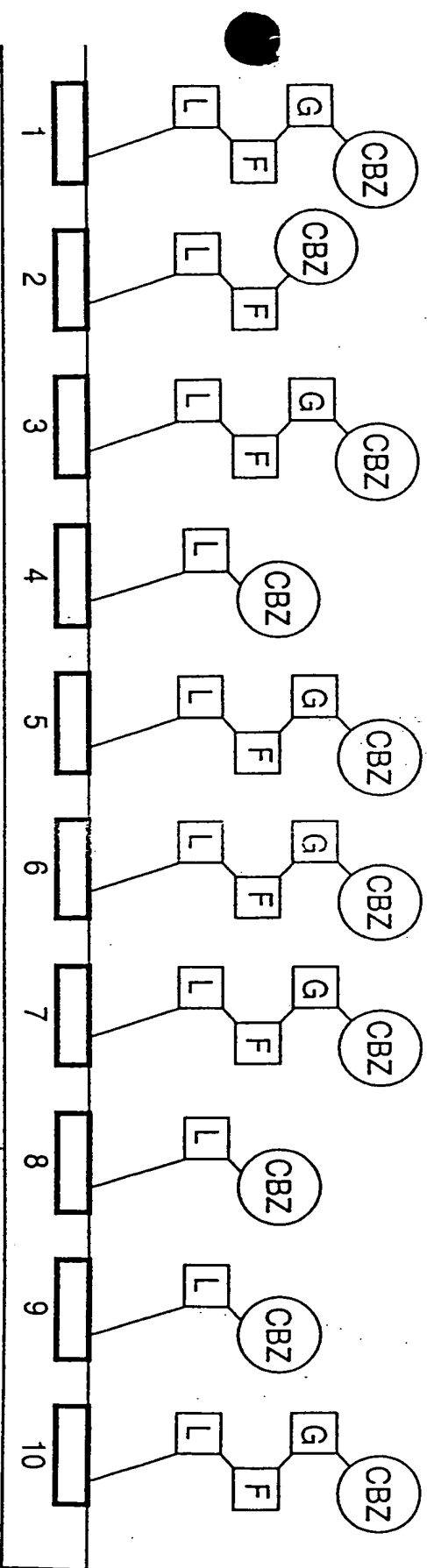


FIG. 10

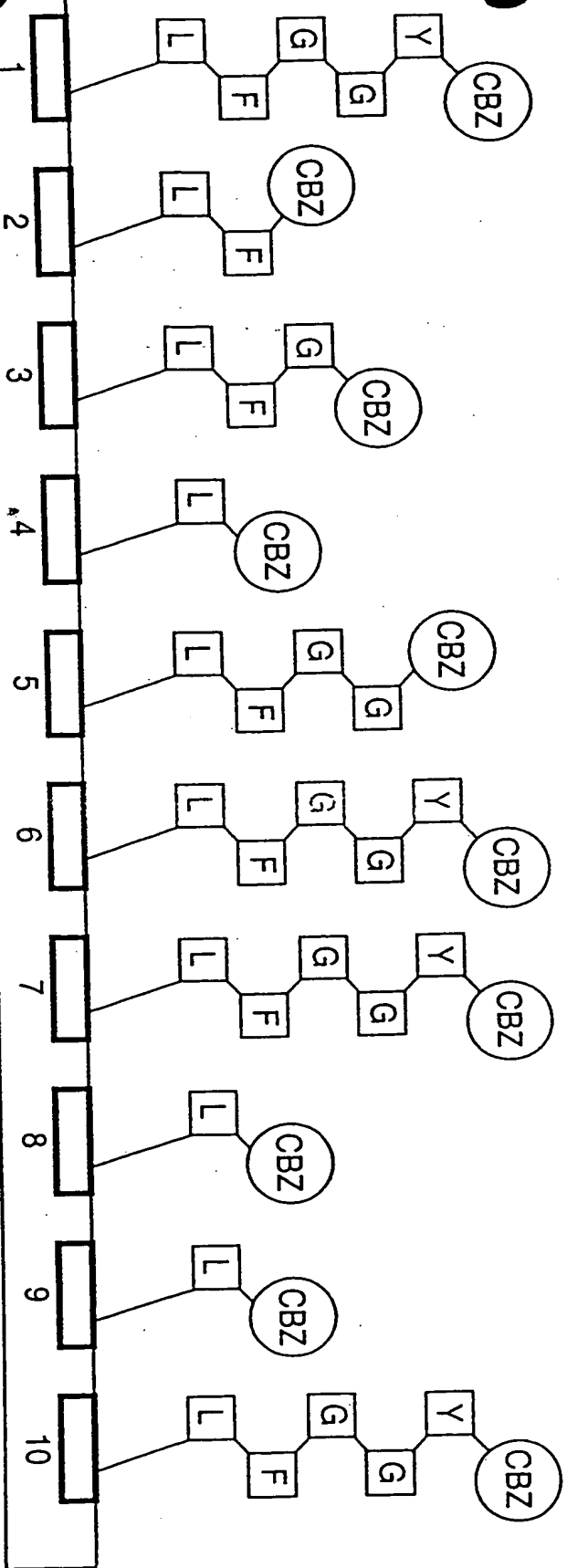


FIG. 11

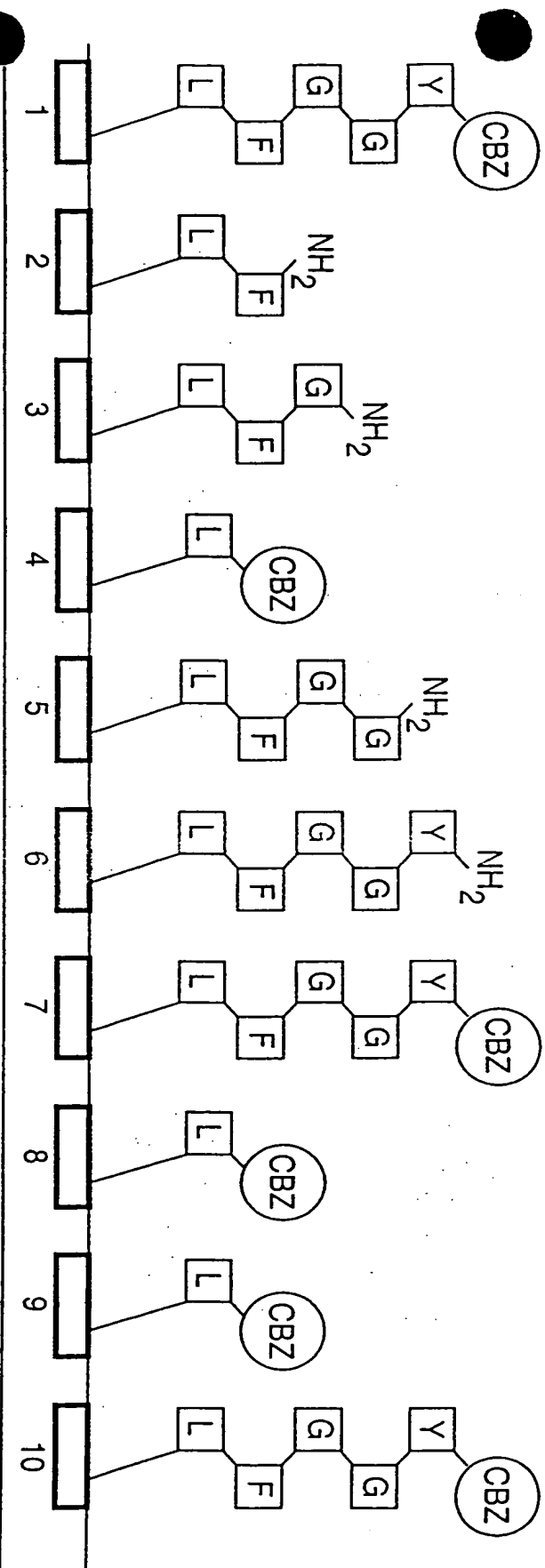


FIG. 12

55EFTOT" 0989T460

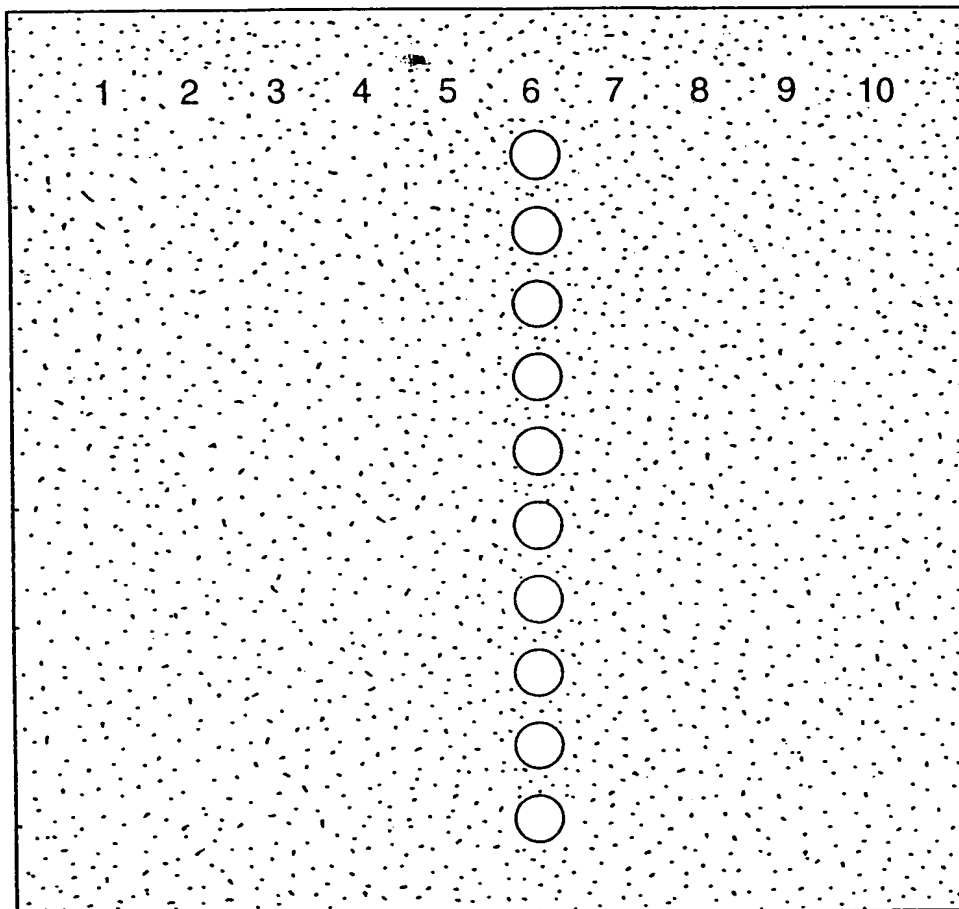


FIG. 13

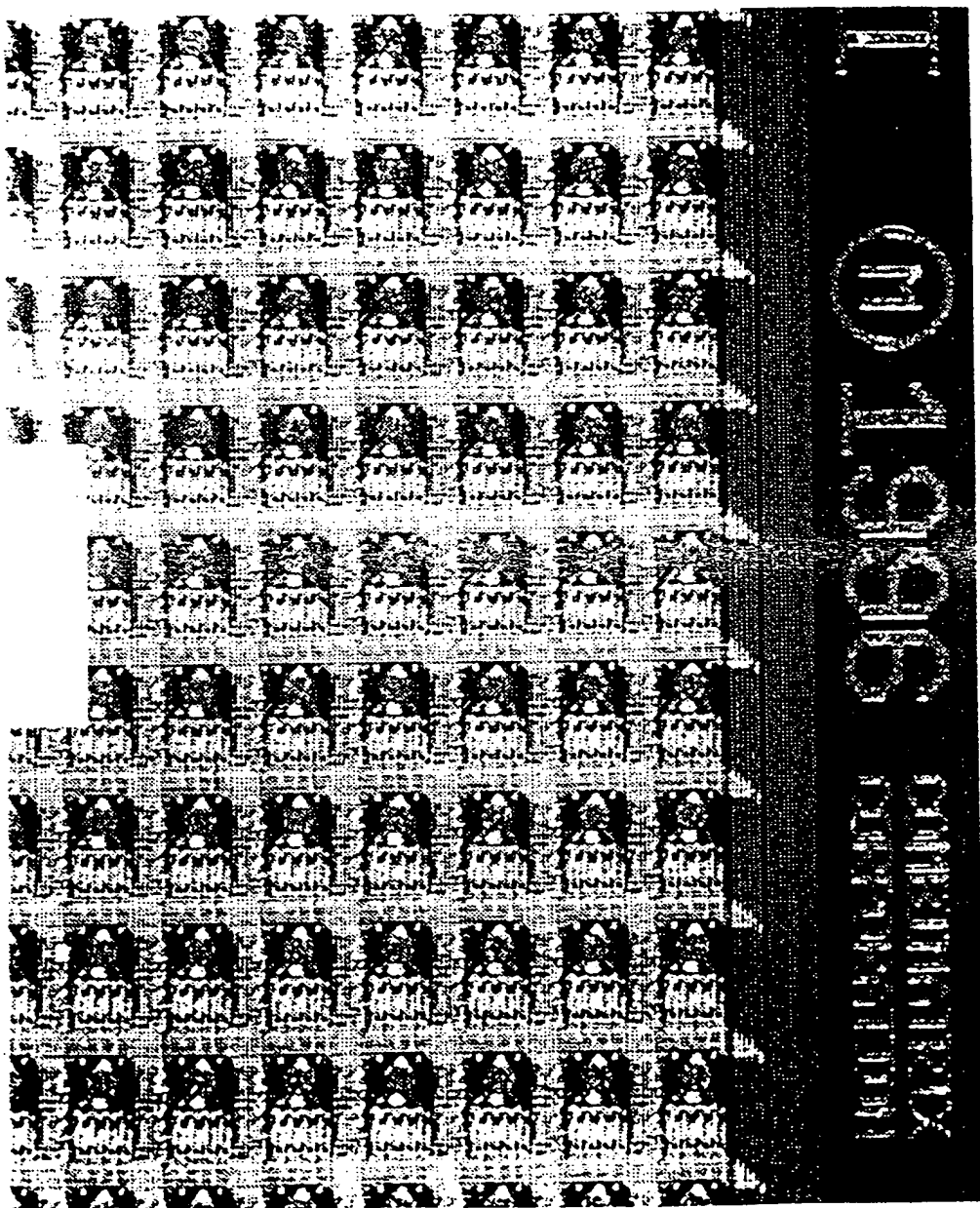


FIG. 14

09416860 .101399

1996 CORPORATION

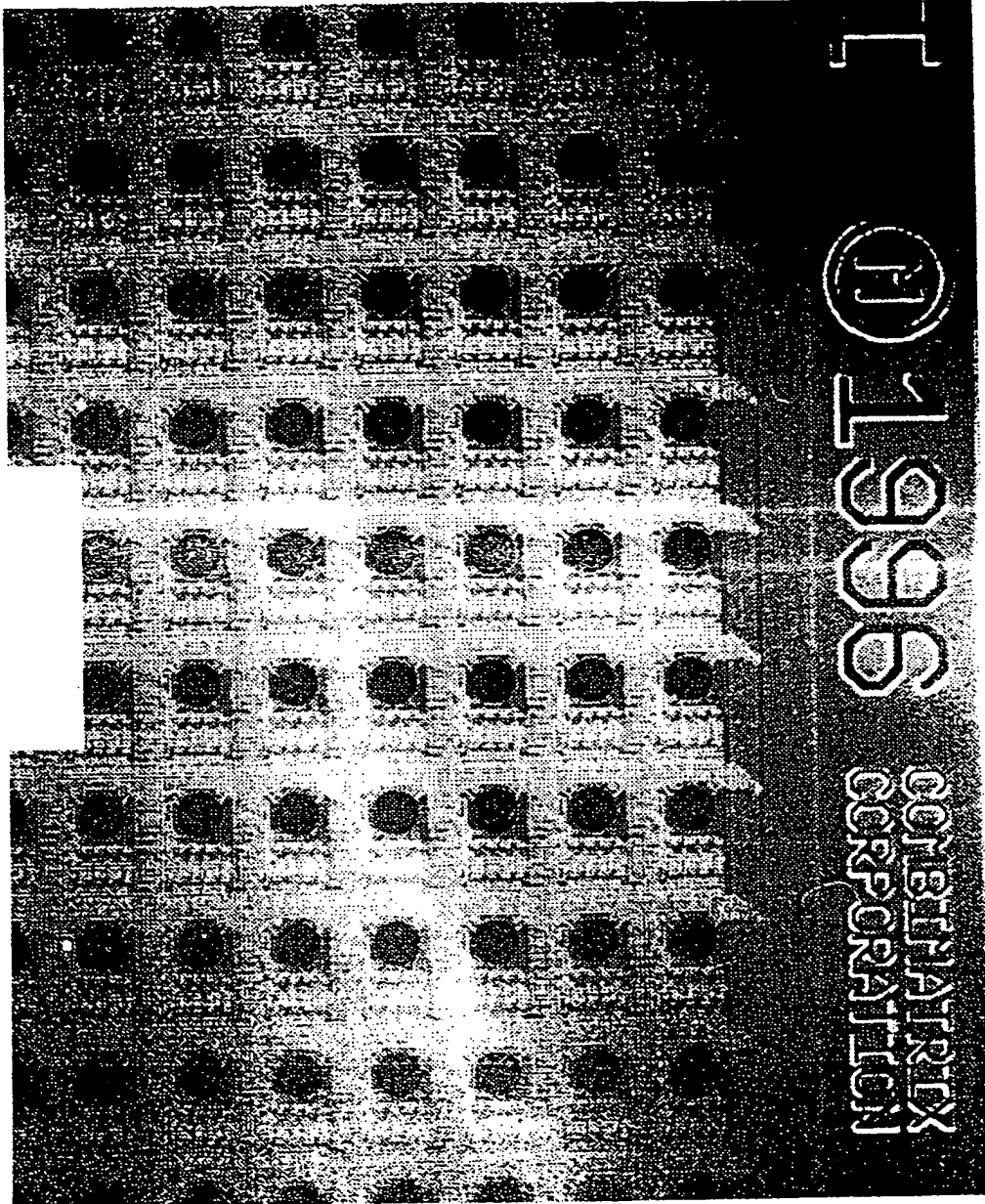


FIG. 15

09416860, 101399

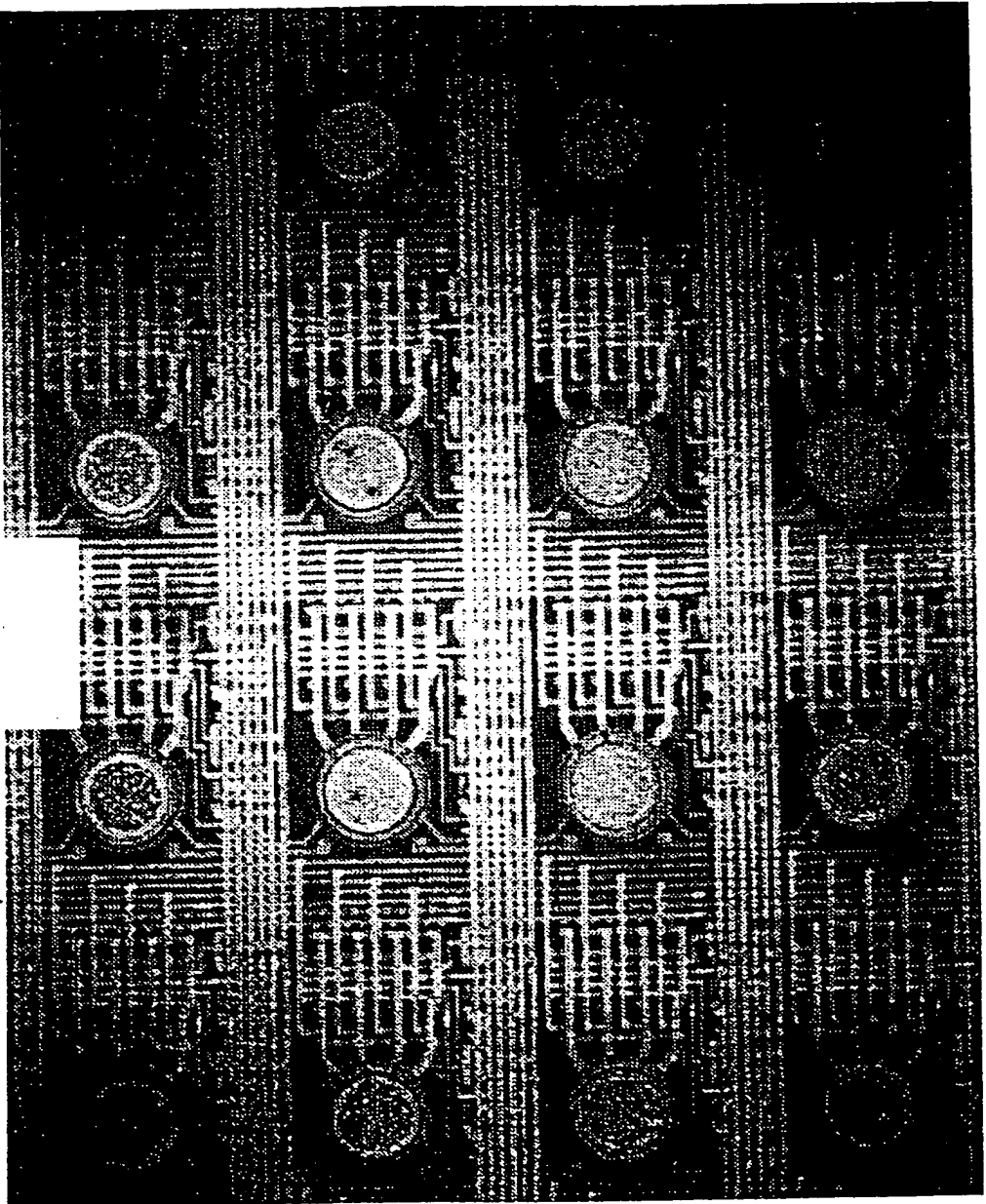


FIG. 16

09416860-101399

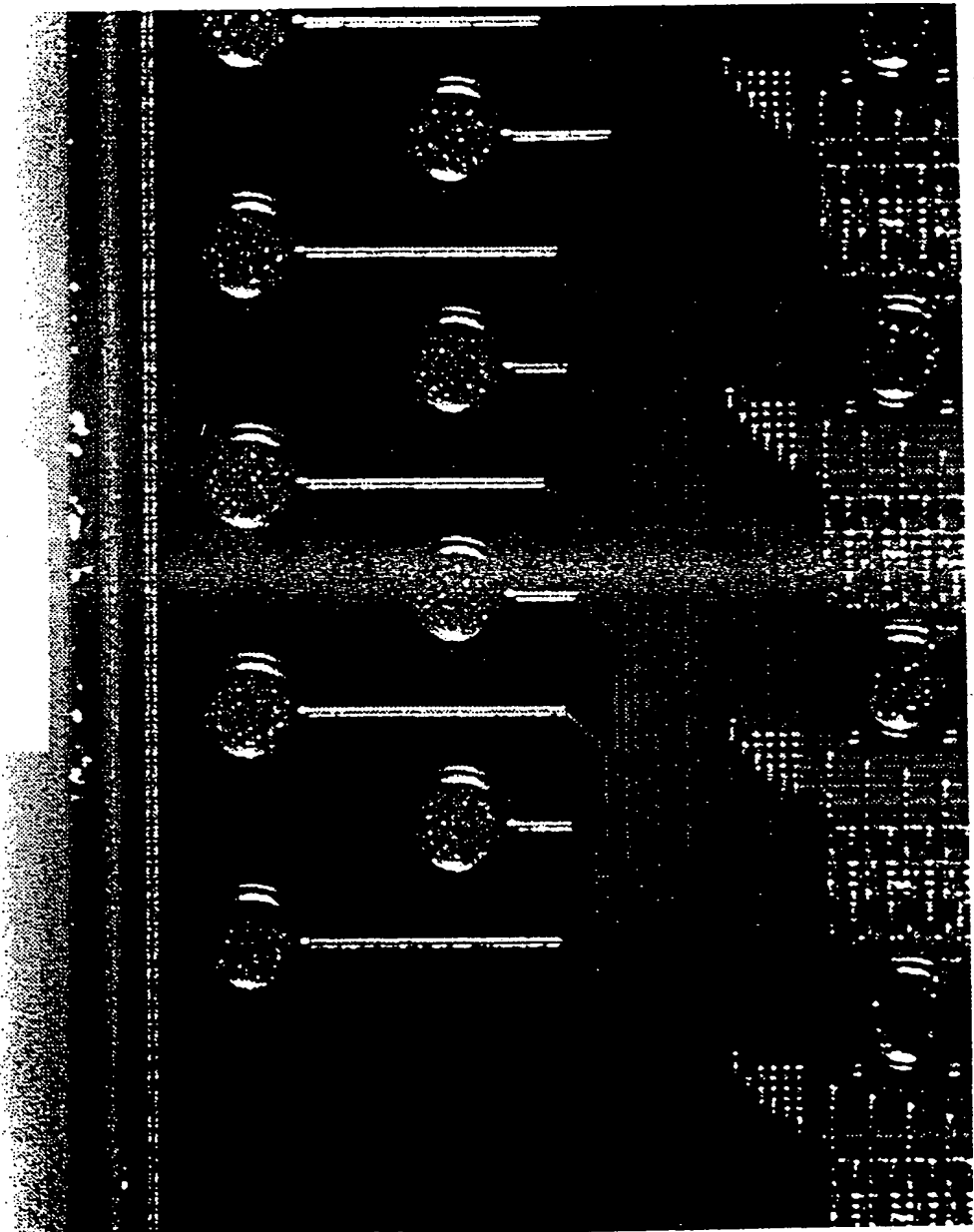


FIG. 17

09416860-101399

09416860-101399

CUT AWAY VIEW SHOWING WIRES
CONNECTING PGA PACKAGE
TO BOND PADS ON CHIP

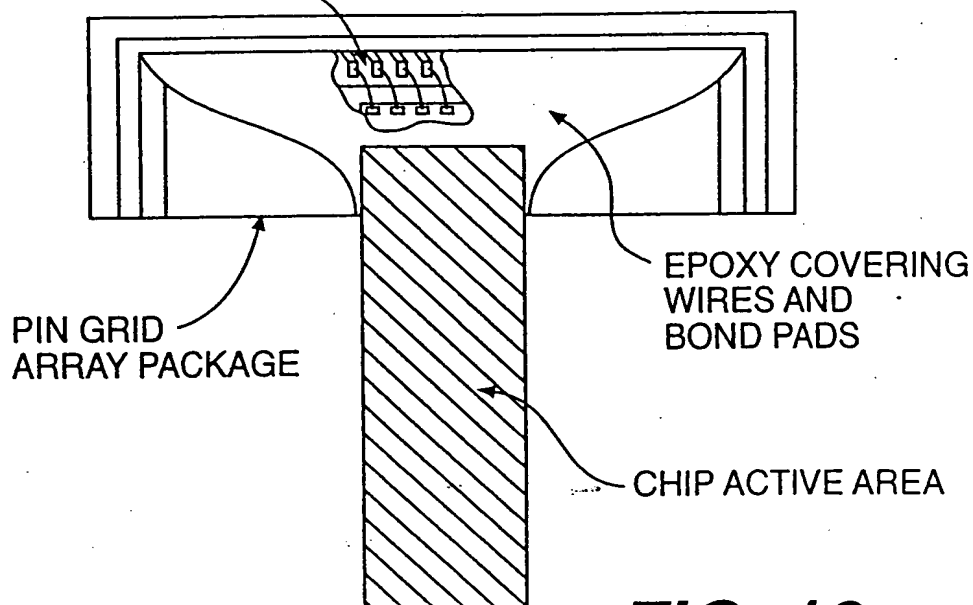


FIG. 18a

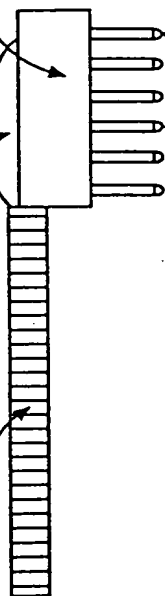
PIN GRID ARRAY
PACKAGE

EPOXY
COATING

PINS

CHIP

FIG. 18b



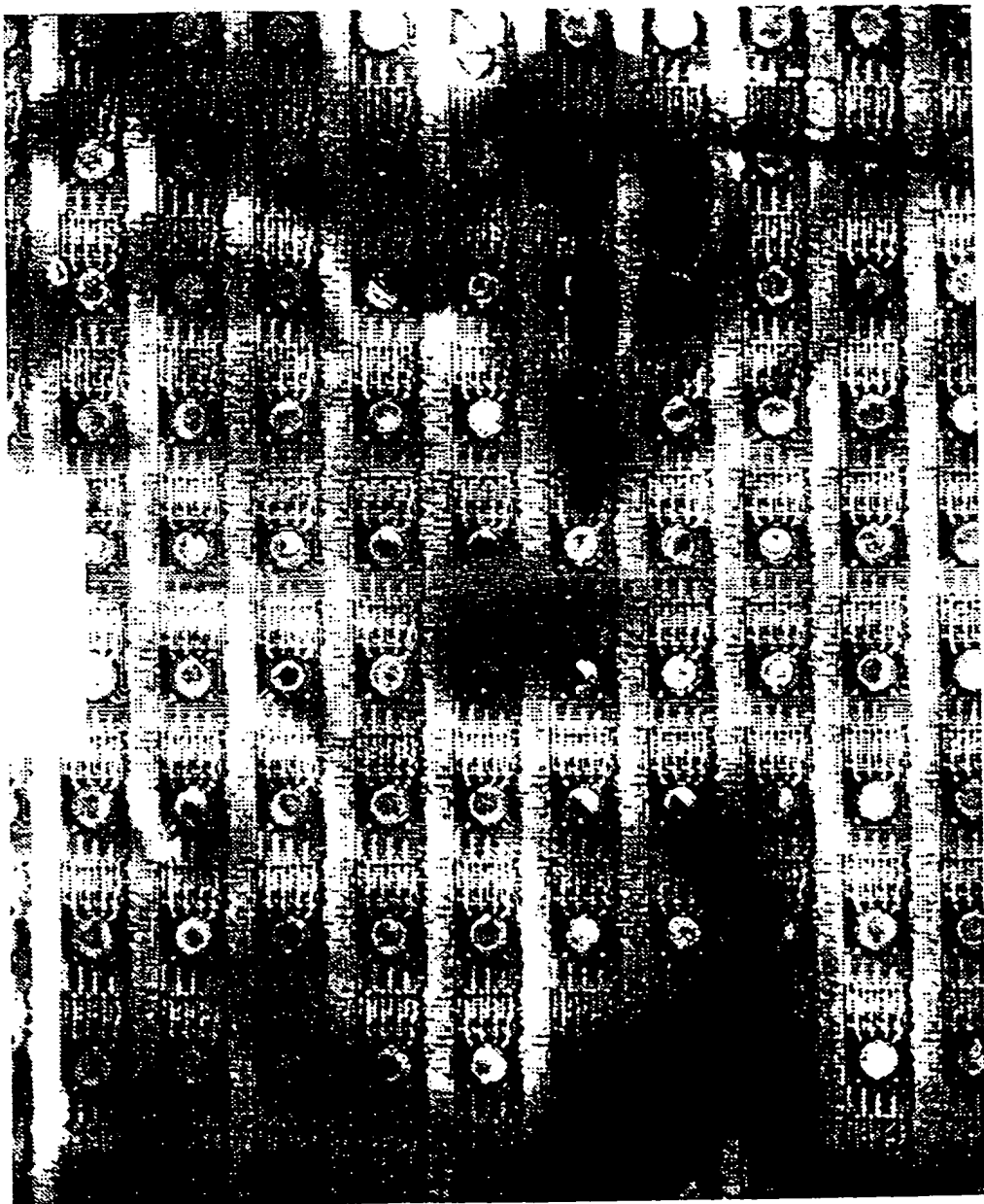


FIG. 19a

09416860.101399



FIG. 19b

09416860-101399

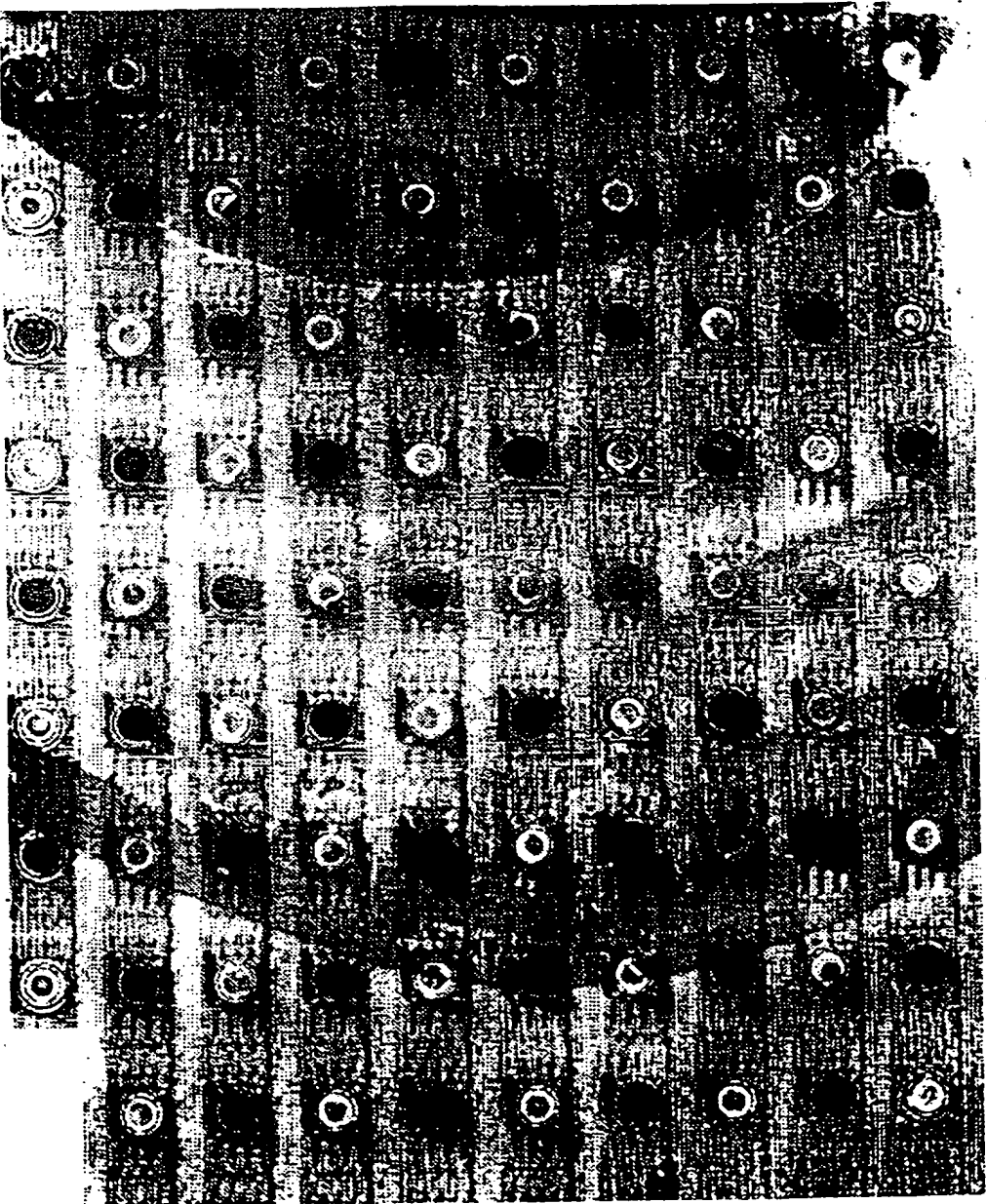


FIG. 20

09416860 . 101399

09416860-101399

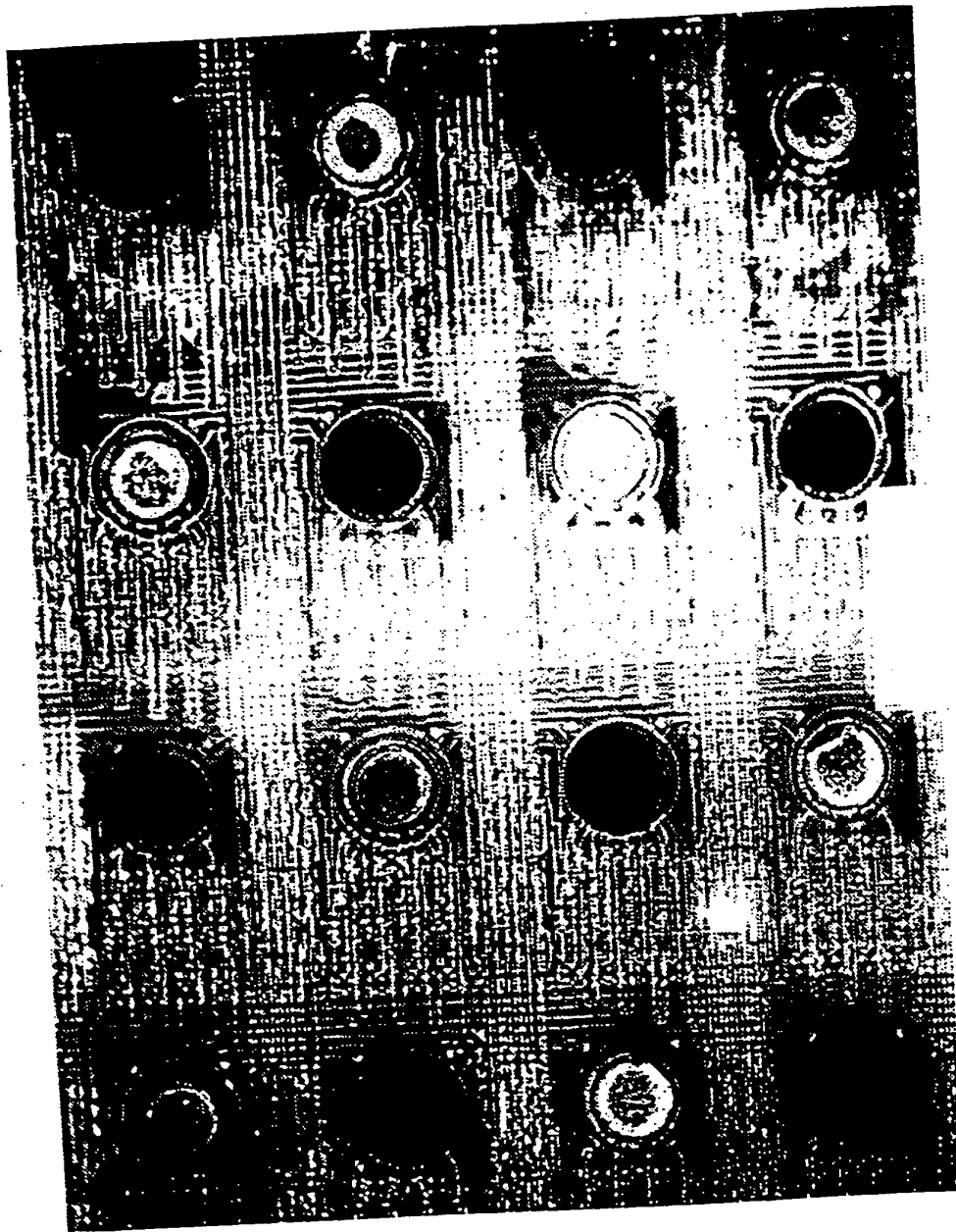


FIG. 21

SECRET "0989T460

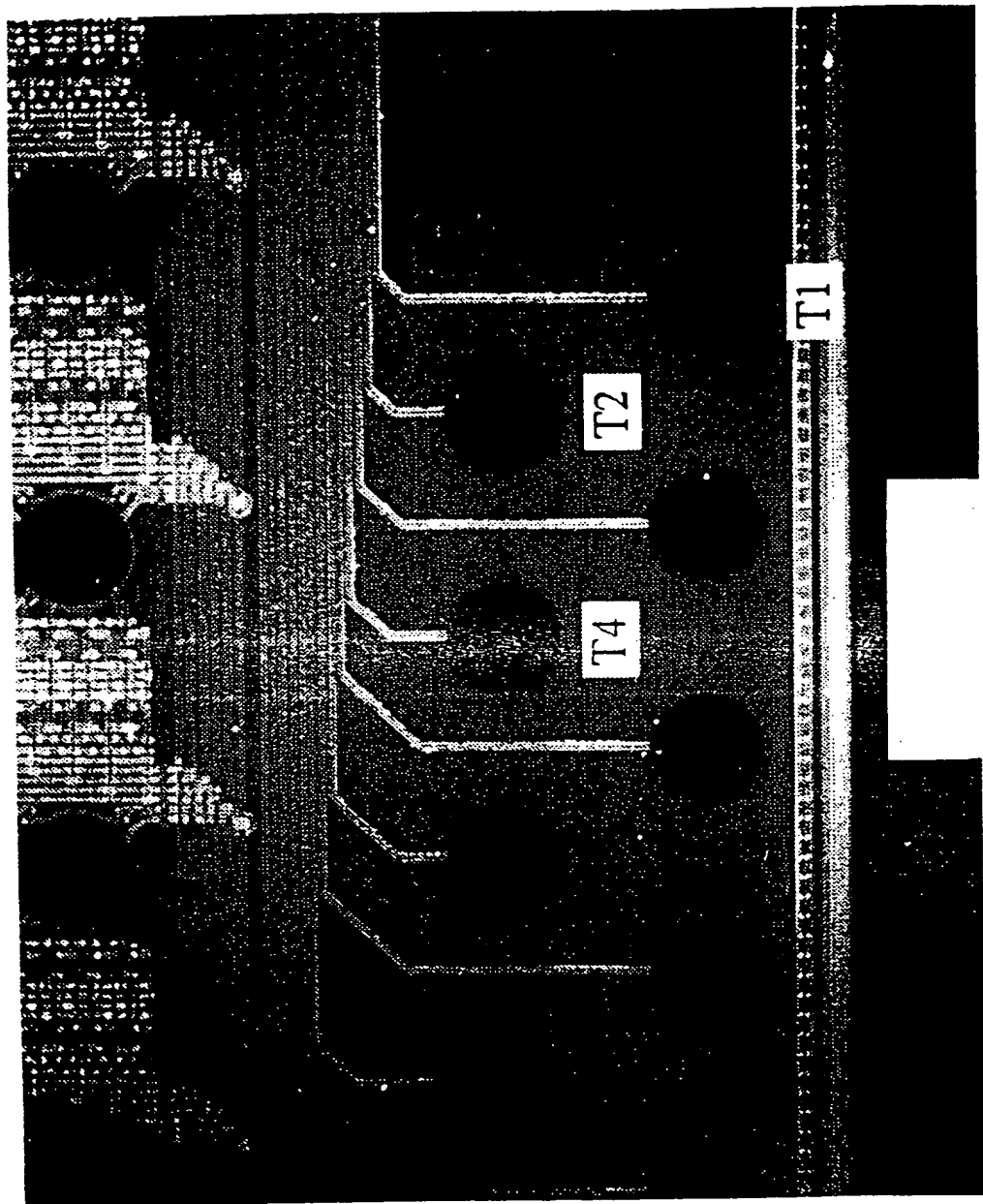


FIG. 22

66ETOT" 0989T460

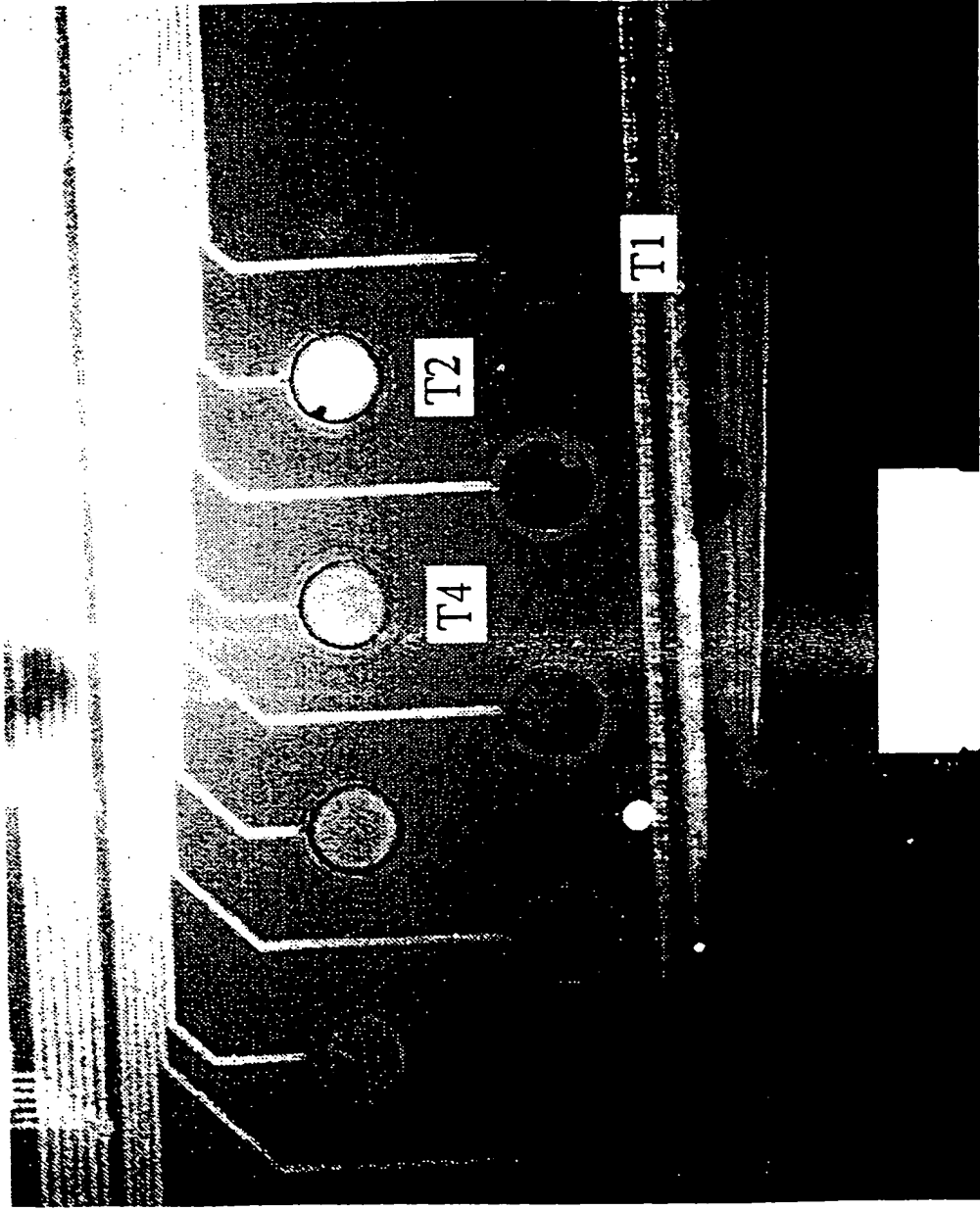


FIG. 23

66EFOF" 0989T460



FIG. 24

091689T460



FIG. 25a

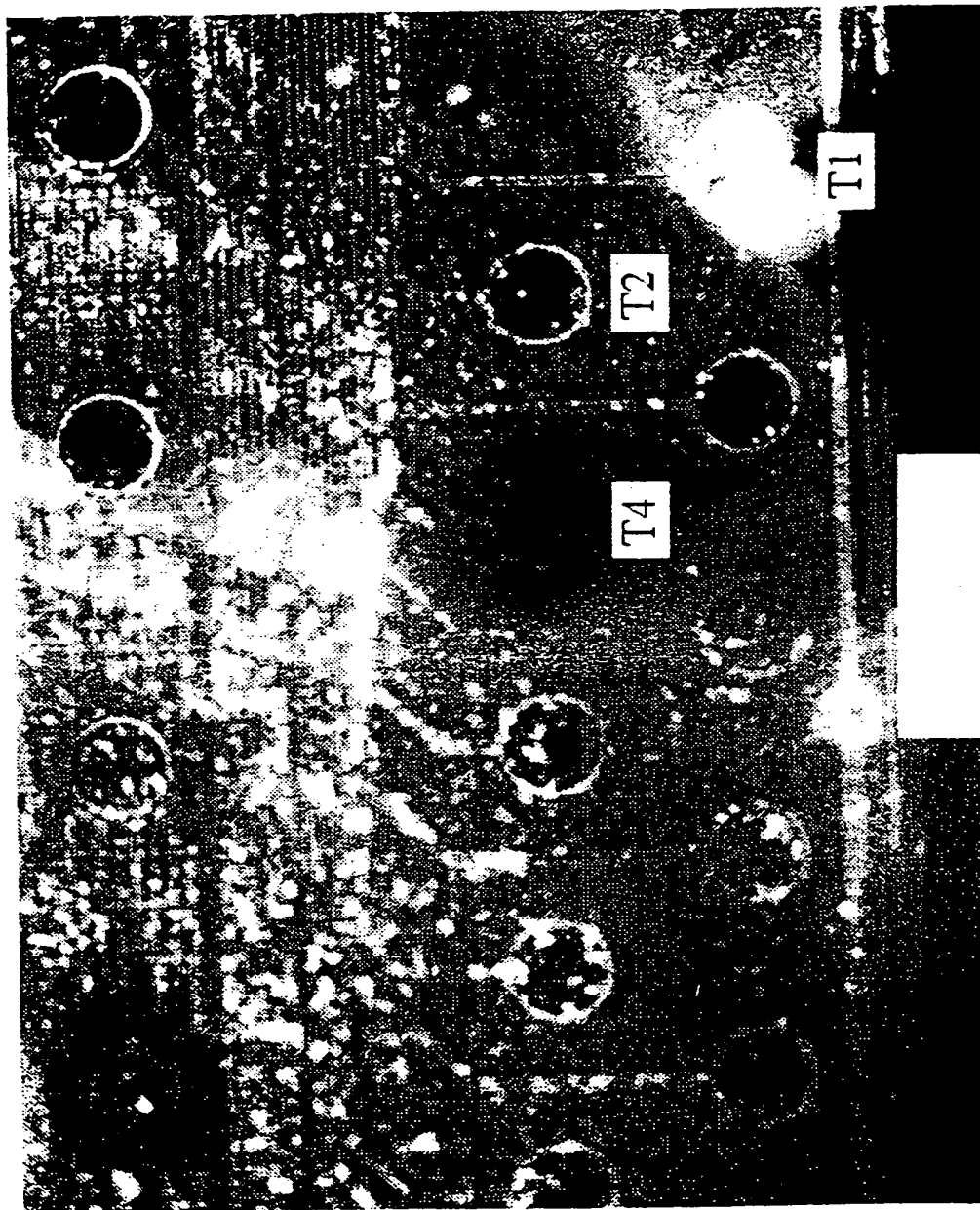


FIG. 25b

66ETOT" 0989T460

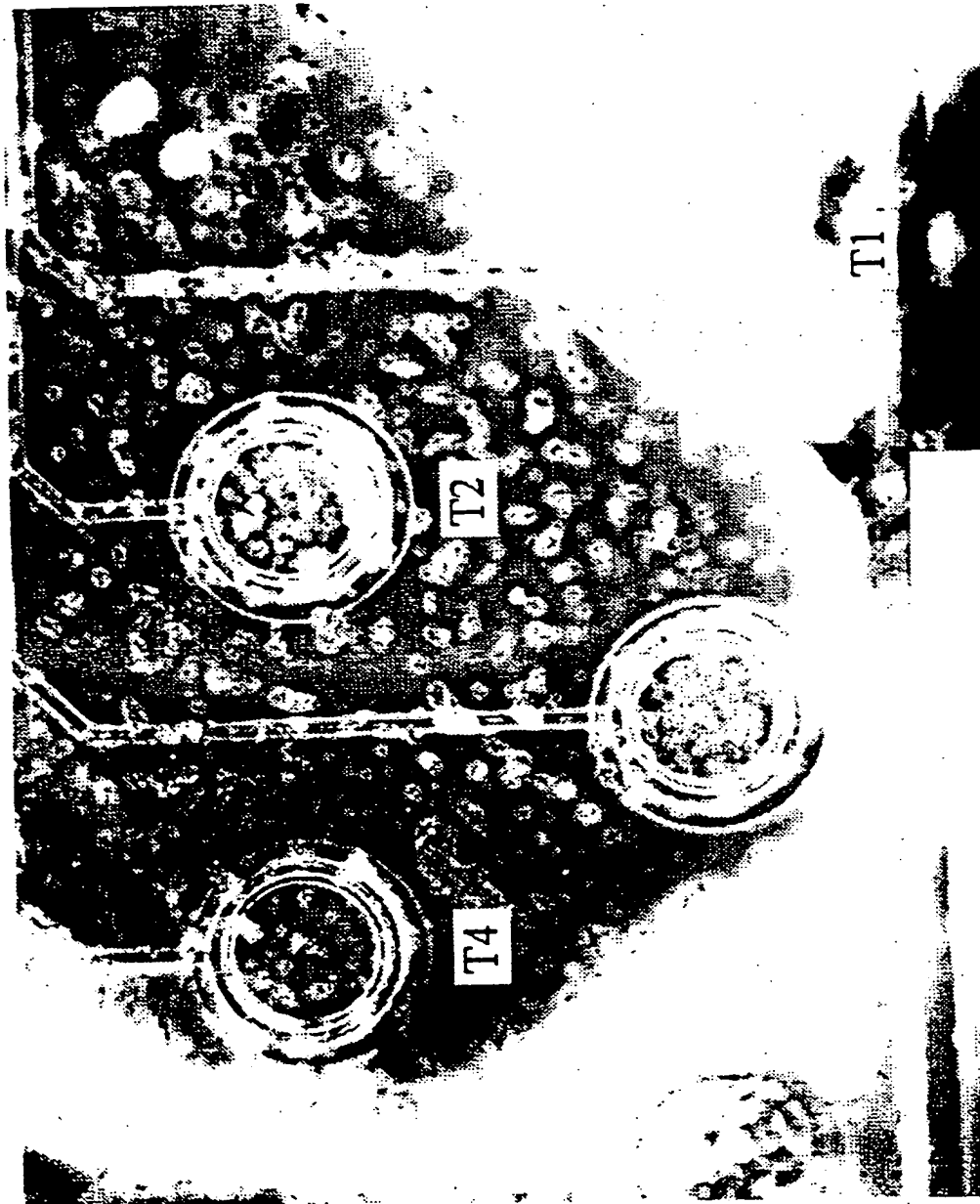


FIG. 26a

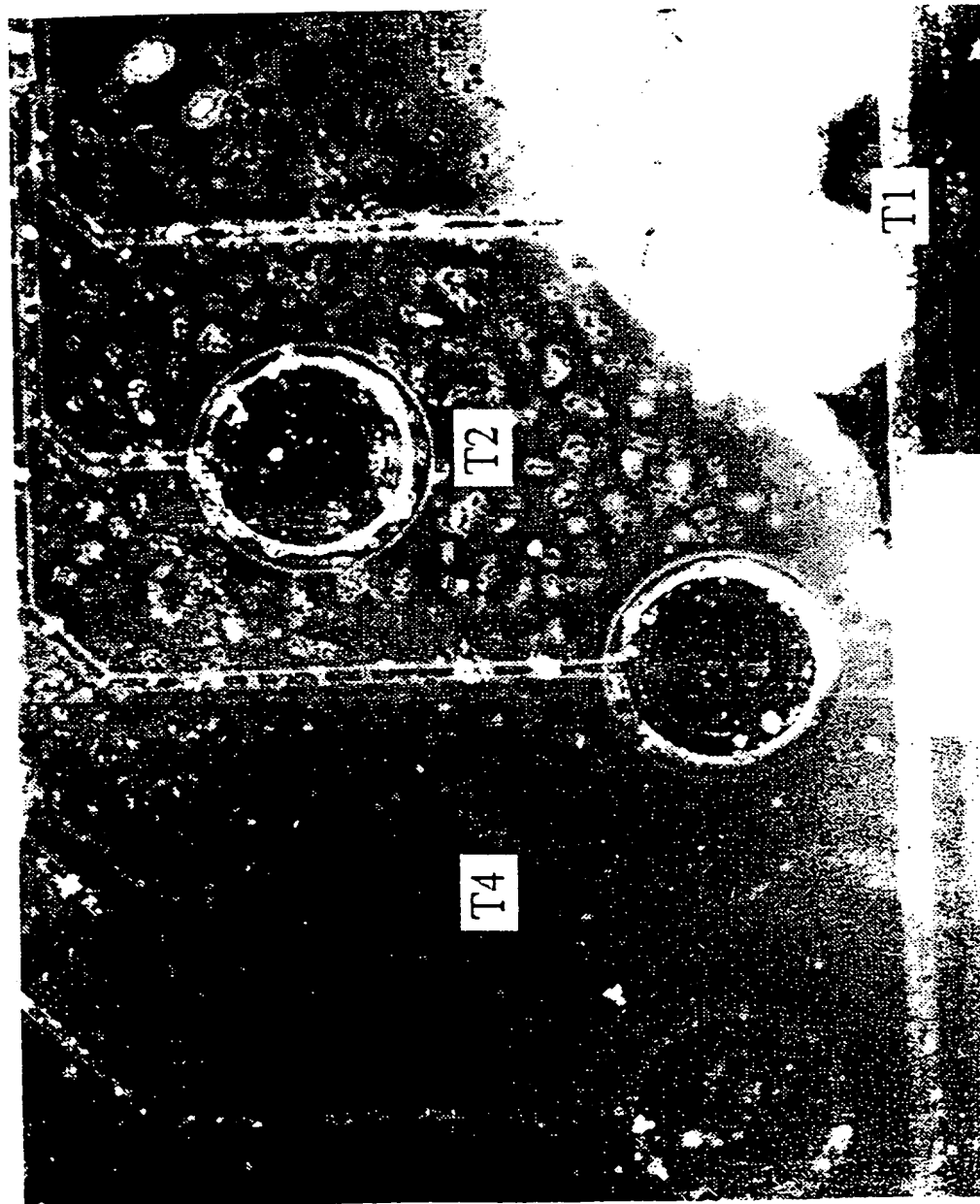


FIG. 26b

acryloyl chloride, bulk, blotin
anh.

T₁

T₄

Figure 27

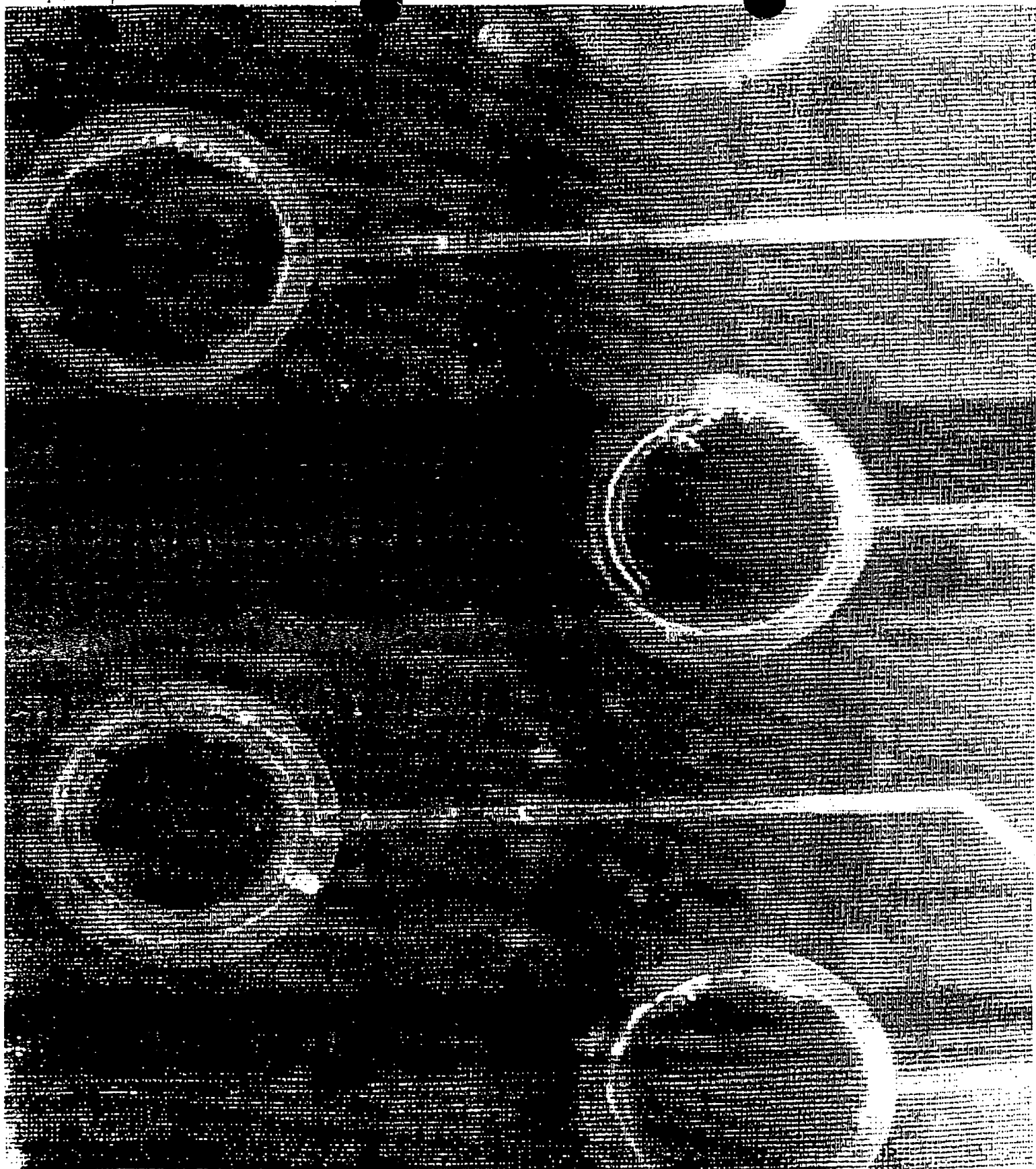


Figure 28

no biotin anh.

Figure 29

no vinyl

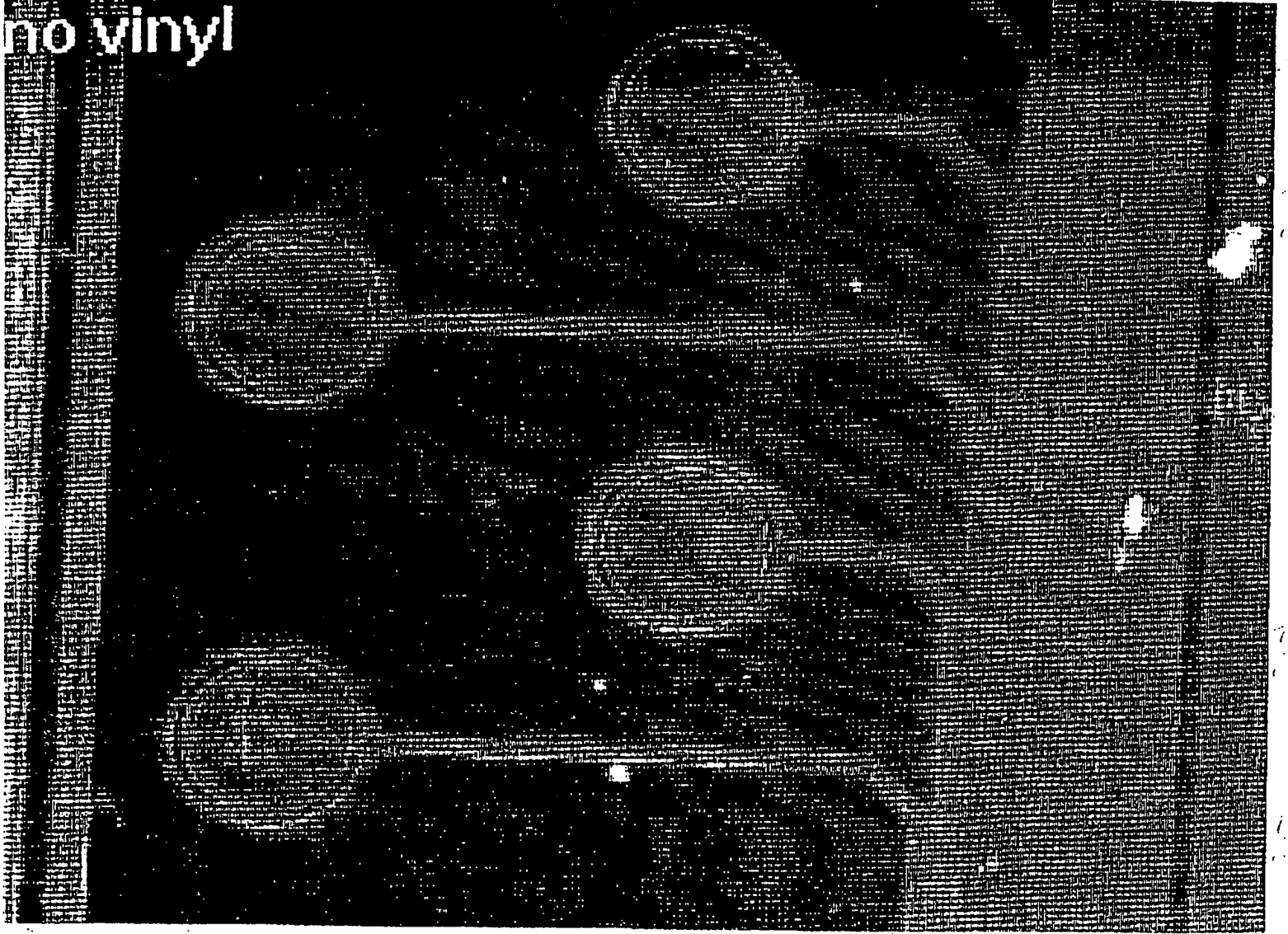


Figure 30

09416860.101399
Figure 3

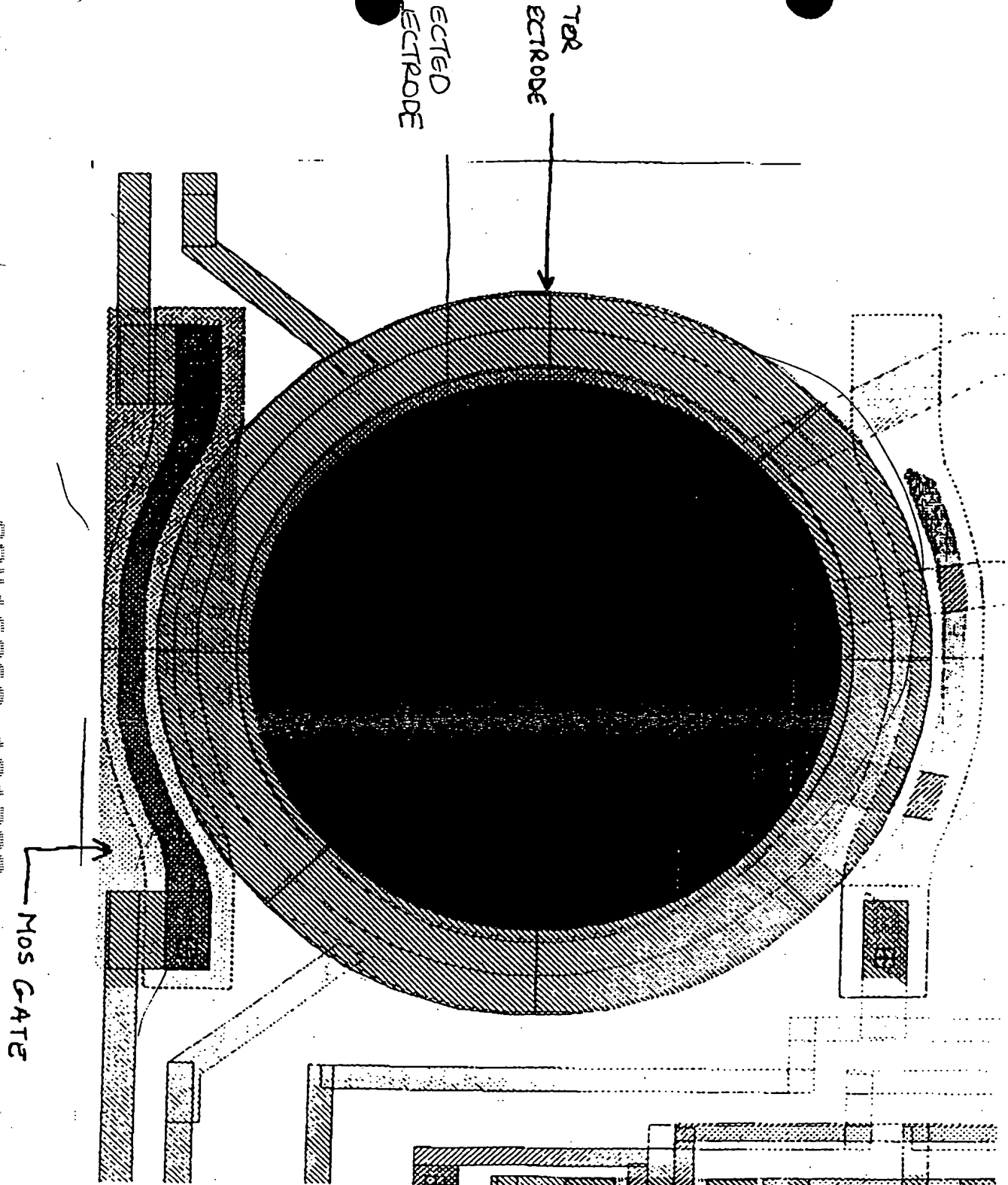


Figure 31

Getter Measurements
0.1M Na₂HPO₄ 45C 20min

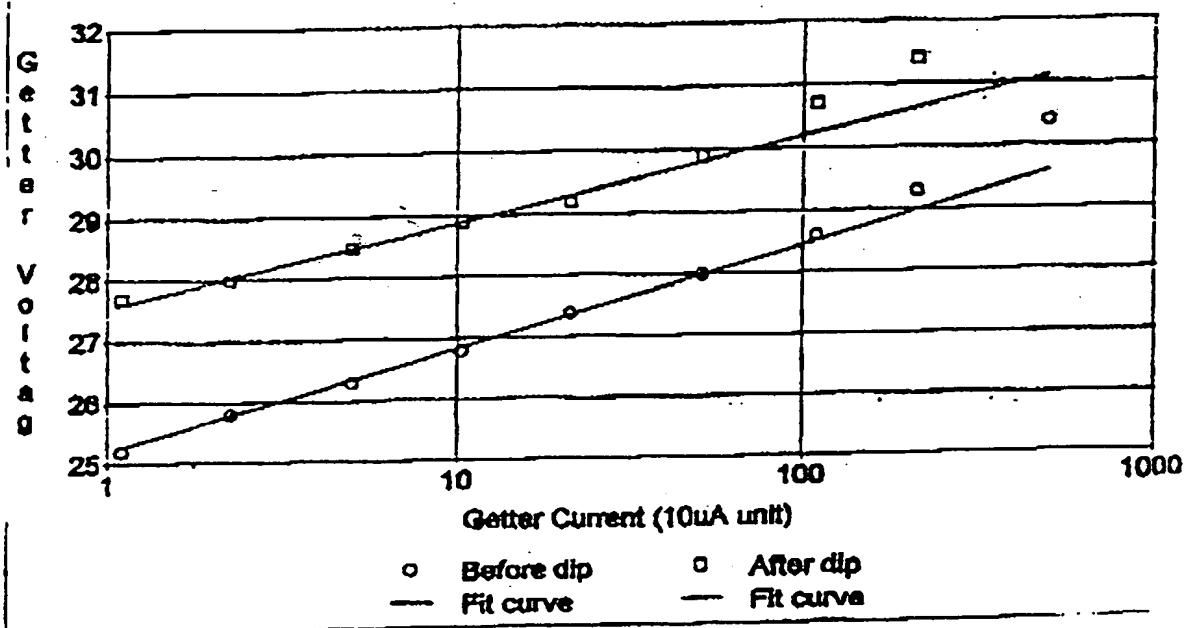


Figure 32

00416860-101399

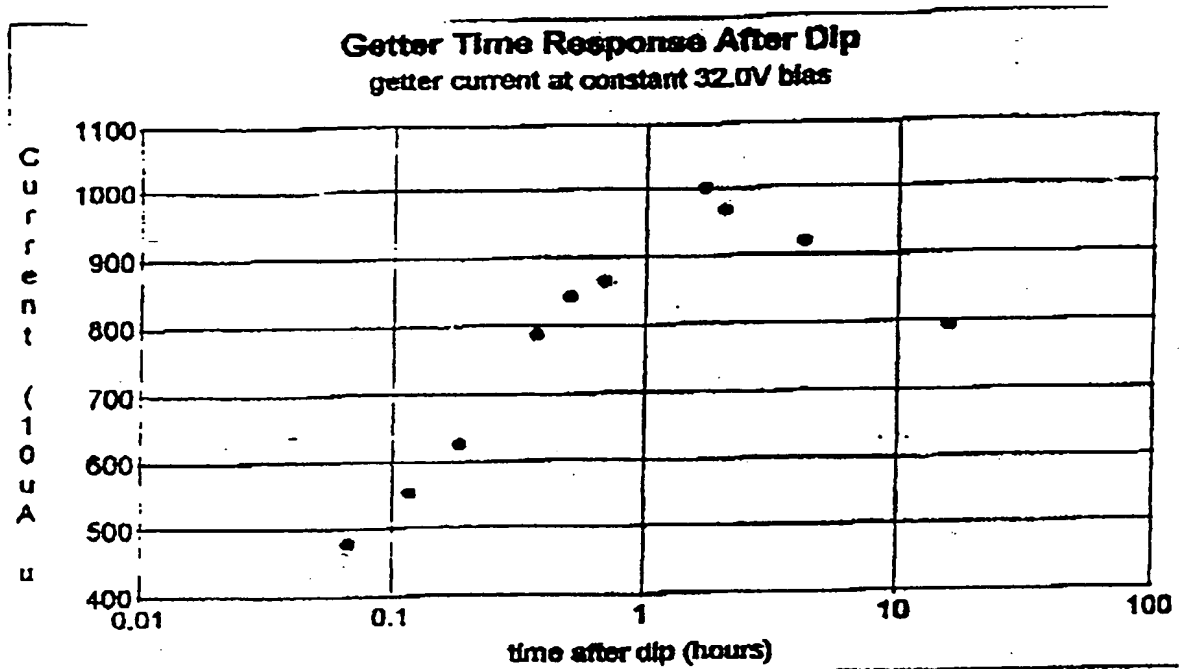


Figure 33

09415850 101399

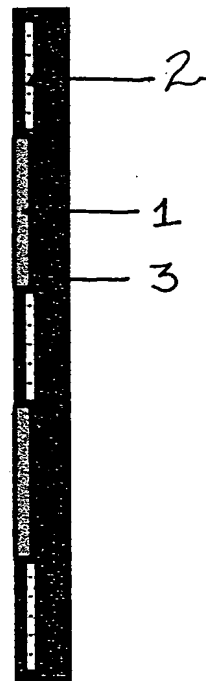
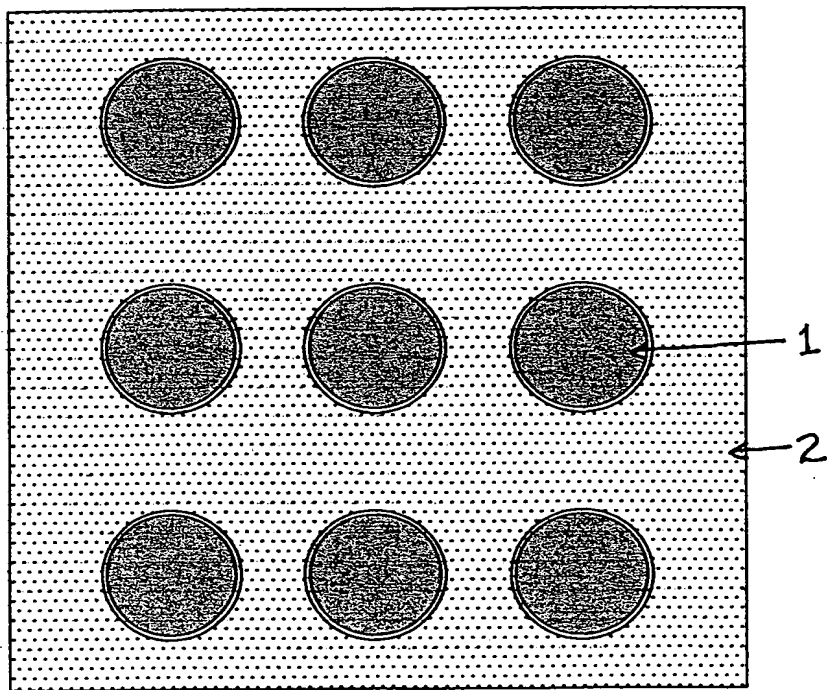


Figure 34 a and b

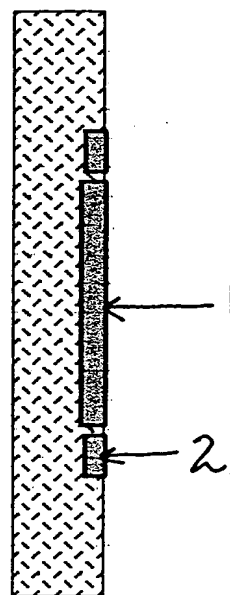
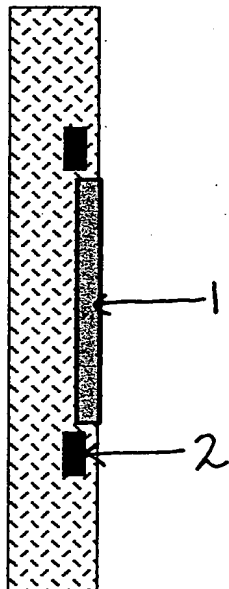
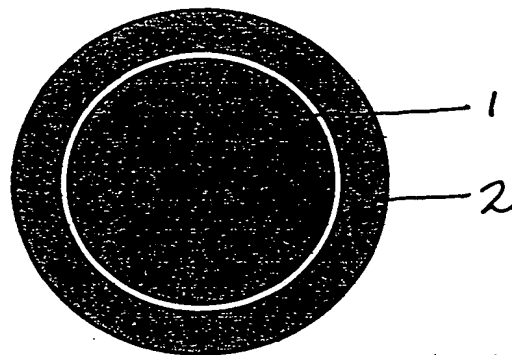
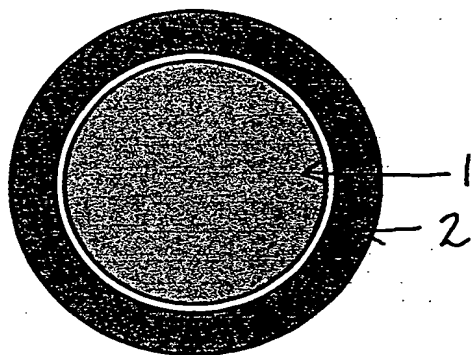


Figure 36 a and b

Figure 35 a and b

09416860, 101399

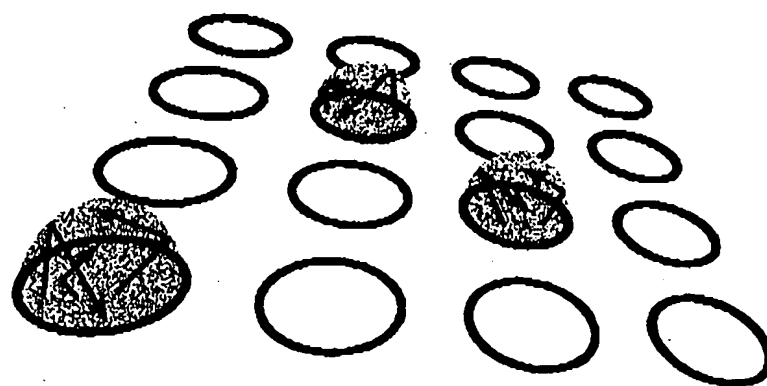
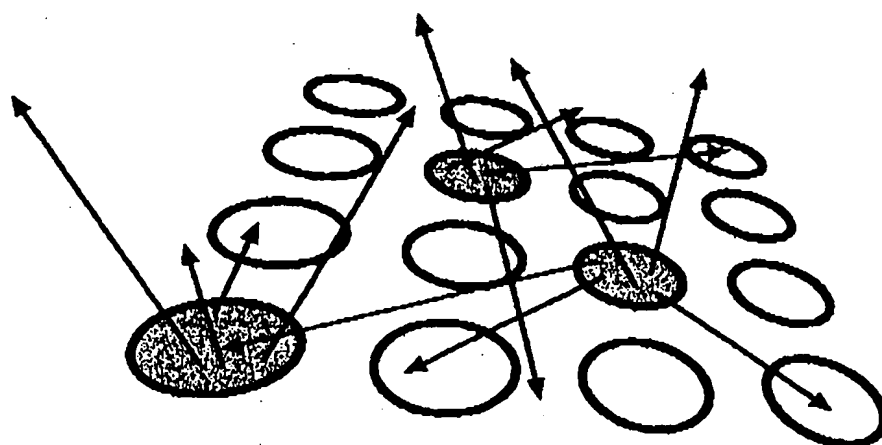


Figure 37